Recreational Use Attainability Analysis

Cover Sheet Water Body Name: ___ Water Body Identification #: 1864 Completed UAA Checklist: Pre-Field Preparatory Data Sheet Maps with actual survey sites marked Data Sheet A \Box Data Sheet B – 3 of 3 pages for each site o Number of Sites: 6 ☐ Data Sheet C (if applicable) o Number of Interviews: Photographs o Quantities Upstream ____ Downstream ____ Other ____ I, the undersigned, hereby affirm to the best of my knowledge, that all information reported in this UAA is true and accurate. Date: Telephone #: Organization: Position:

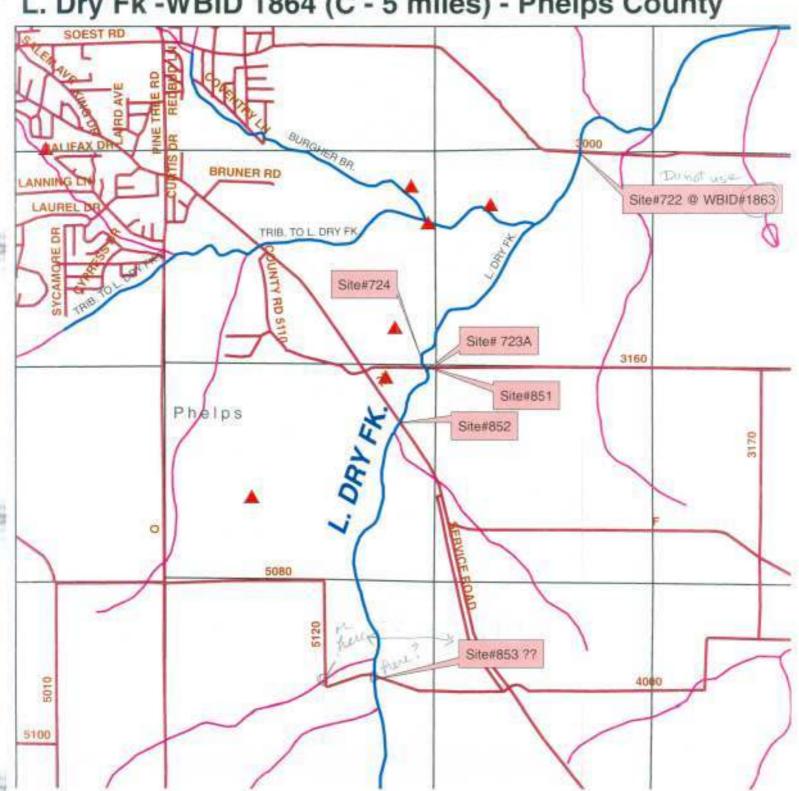
Pre-Field Preparatory Data Sheet for Recreational Use Stream Surveys

		ł
Water Body Name: (from USGS 7.5' quad)	Fk.	
8-digit HUC:	Missouri Water Bo	ly Identification (WBID) #: /戊戊Ч
County: Photos	•	
Upstream Legal Description:		
Downstream Legal Description:		
Discharger Facility Name(s): 5to	ely Manslons	Mobile M
Discharger Permit Number(s):	10 0108391	
Weather Conditions for Past 7 days:	lew 80°F	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

WBW: 1864 Field Data Sheets for	Recreational Use St	ream Surveys
Field Data Sheets for Data Sheet A	Water Body Identif	fication
Water Body Name: L. Dry Fk		
\$2.44	h, 91 712	95
Upstream Coordinates: N 37. 93643 (WGS 84, ddd.ddddd) Downstream Coordinates: N 37. 90010	w 91,712 w 94,730	84
(WGS 84, ddd.ddddd) N 37, 48676 Current Weather Conditions:	80%	
Number of Sites Evaluated: 6	Also	Parkens
Name(s) of Surveyor(s): Jon Beas	r Nwx	• 60

L. Dry Fk -WBID 1864 (C - 5 miles) - Phelps County



WBID # 1864	Site	#.	722
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Date: 06/28/06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3 (A separate Data Sheet B must be completed for each

	(A separate Data	Snee	3 1	must be com	preted	for each site)	
Latitude (ddd.dddd): 3	7,93642	M*************************************	\dagger			Arrival Time:	
Longitude (ddd.dddd):	WO91.71295						1.0
Photo Ids: Upstream:	Ι	Down	str	eam:		Other:	.20
0916		'الو	ļ.,	417			(+nail)
			1				
Narrative Description	of Location: (De	scribe	ac	cess point to stre	am, nea	rby roads, landmarks, etc.)	
1st cn	635; na o	7)					
Surrounding Condition	ns*: (Mark all that p	rom	te	or impede recrea	tional us	ses. Attach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds		МІ	C conservation l	ands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	ו ם	Na	tional forests		☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	图:	Ste	ep slopes		☐ Other:	
luman Uses Observed	*:						
☐ Swimming	☐ Skin diving			SCUBA diving	,	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		11	Boating		□ Wading	☐ Rafting
☐ Hunting	☐ Trapping		ı	Fishing		None of the above	Other:
						documentation of evidence	
vidence of Human Us	1 /						
☑ Roads	☐ Foot paths/prin	.ts		☐ Dock/platform	n.	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites		Ш	☐ Fire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle
Other:					<u> </u>		
ources of Pollution: (e	a trach dumning ti	res d	rai	nogae discharges			
(0.	g., adan damping, ti	103, 4	1 41	liages, discharges	, e.c.,		
						Λ	
						HR.R	
		/			1	<i>y</i> /)	
		1		!		1	

WBID#_	864 Site #	722			}		4
Date: 6 /	28/06						4
		a Sheet B	Sit	e Characterizat	ion – 2	of 3	
Stream Mor	rphology:						
Upstream	View Physical Di	mensions:				,4,35,1	
	Distance from access point (m)	Widt	h (m	Length	(m)	Avg. Depth (m)	Max Depth (m)
□ Riffle							
Run	40	15		20		0.29	4
☐ Pool							
Flow	Present? 🖸 Yes	□ No		Velocity (f	(sec):	07 m/s	
Downstra	am View Physical	Dimonsion				within / Depth of	1.2 m
Downstre	Distance from	T		T	()	1.1, 95, 75	T
	access point (m)	Widt	n (m	Length	(m)	Avg. Depth (m)	Max Depth (m)
Riffle							
⊠ Run	1 25	7.5	-	20		0.93	1.1
Pool	1						
☐ Flow	Present? Yes	□ No		Velocity (f	/sec):	102 m/s	
Substrate*:	(These values should a	dd up to 100	%.)				
1		Gravei		% Sand	%	Silt % Mud/Cla	y 5 % Bedrock
						· · · · · · · · · · · · · · · · · · ·	· 1
Aquatic Veg	etation*: (Note amou	int of vegetati	on o	algal growth at the	assessme	ent site.)	* 1
		.609	,	algal cove			
<u> </u>		00/9		a gu			
Water Chara	acteristics*: (Mark a	ll that apply.)	,				
Odor:	☐ Sewage	☐ Musky		Chemical		None	
Color:	□ Clear	☐ Green		☐ Gray	7	Milky	
Bottom De	posit: Sludge	☐ Solids		Fine sedimer		None	
Surface De		☐ Scum		☐ Foam	7	None	
\							
This information	on is not to be used sole	ly for remove	ıl of	recreational use de	signation	but rather is to provide a decision but rather is to provide a	more comprehensive
se analysis but	may point to conditions	s that need fu	rther	analysis or that affe	t anothe	r use.	on on the recreation
				Λ	1.		
)		$ \psi$	KK.		
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		(2)	{	U			
		1	- { }		l		

		[, "]		1. · ·	ľ	
ID# <u>1869</u> Si	ite# 722			,	/	,
:: <u>6128120</u>		-				6
			a Danie		T 04 0	
	Field Data S	neets	or Recreati	onai	<u> Jse Stream Sur</u>	<u>'veys</u>
	(Make addition		Sheet C -			
	(Make addition	iai cop	les as neces	sary io	or multiple inter	views)
	in the area? Valong have you					
2. Have you per If so, plea	rsonally used things check ALL to	s wate hat app	r body for re oly:	creati	on since 1975?	□ Yes □ No
☐ Swimming	□ Skin diving	□sc	UBA diving	□ Tı	ibing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	□Во	ating	□w	ading	☐ Rafting
☐ Hunting	☐ Trapping	□ Fis	ning	□ N	one of the above	☐ Other:
3. Have you obs		1 time	per year – p	· · · · · · · · · · · · · · · · · · ·	describe:	.975? 🗆 Yes 🗆 No
Swimming	☐ Skin diving		CUBA diving	T ₀ 1	lubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	1-1-1	oating		Vading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fi	shing		one of the above	☐ Other:
1	n have you obse ☐ More than ☐ 1 – 5 times ☐ Less than —————	5 time per y	s per year ear			
4. Additional Co	omments:					
Contact Information Name: Address: Telephone #:	ation (if willing	to pro	vide):			

WBID# 1867 Site # 722 Date: 613812006				5
Data Sheet B	$ \mathbf{s} $	ite	Characterizat	on - 3 of 3
Comments: Please describe any departures from conditions, problems in measuring, site relocation).		1	f .	1
	-			
			•	
			,	
			•	
				•
	{		}	

· WBID # 1864 Site # 723-A

Date: 06/28/06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization – 1 of 3

Latitude (ddd.dddd); 3	37,47,63	Arrival Time:	Arrival Time:			
Longitude (ddd.dddd): ¿	VO91,72646		1777			
Photo Ids: Upstream:		Oownstream:	Other:	(, 2)		
912		913	914	(+va/ks)		
rrative Description	of Location: (Dec	scribe access point to stream, 1				
		1 from 851	icarby roads, fandmarks, etc.,)		
rrounding Condition as of interest.)	18*: (Mark all that p	oromote or impede recreationa	l uses. Attach photos of evide	ence or unusual		
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	☐ Fence	Steep slopes	☐ Other:			
man Uses Observed ☐ Swimming	*:	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	□ Boating	□ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:		
idence of Human Us				, <u></u>		
□ Roads	☐ Foot paths/prin	•	☐ Livestock Watering	□ RV / ATV Track		
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ NPDES Discharge ☐ Fishing Tackle		
Pother: +vac+	,					
irces of Pollution: (e.	g., trash dumping, ti	res, drainages, discharges, etc.)			
		(gr)				

WBID# 464 Site# 723-A

Date: 06/28/06

Bottom Deposit:

Surface Deposit:

☐ Sludge

□ Oil

☐ Solids

☐ Scum

Data Sheet B - Site Characterization - 2 of 3

e potreum	View Physical Dir	nensions:			3	, 35 4	
	Distance from access point (m)	Width (m)		Length (m)	- 1	vg. Depth (m)	Max Depth (m)
□ Riffle							
□ Run	120	11		20	(3/32	,41
□ Pool							
☐ Flow	Present? 🗅 Yes	□ No	Vel	ocity (ft/sec):	unn	neasonable	
Downstrea	nm View Physical 1	Dimensions:				- 34 3-	
	Distance from access point (m)	Width (m)		Length (m)	1	vg. Depth (m)	Max Depth (m)
☐ Riffle							
☐ Run	100	7		20	(7,25	. 3-
□ Pool							
☐ Flow	Present? Yes	□ No	Vel	ocity (ft/sec):	1 61 66	easiable	
ostrate*• (These values should ac	ld up to 1000/)					
15 %			% Sand	9/	6 Silt	% Mud/Clay	% Bedro
4. 87	4.4.				L		<u> </u>
uatic vege	etation*: (Note amou	_)	
		60%	alga	1 covera	90		
ter Chara	cteristics*: (Mark a	ll that apply.)			WF-01-01-0-		
					/		
Odor:	☐ Sewage	☐ Musky	☐ Chem	ical 四	None	☐ Other:	

☐ Foam

☐ Fine sediments

□ None

□ None

☐ Other:

☐ Other:

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 1864 Site # 723 A

Date: 6 /28 / 56

Data Sheet B - Site Characterization - 3 of 3

Comments: Please deconditions, problems in	escribe any departures measuring, site relocat not (each	from protocol and tion).	the reasons for d	leparture (e.g., λvet_{δ}	unanticipated unique lo	ocal
		U				



WBID # 1864 Site # 723-A

Date: 6 / 28 / 2006

Telephone #:

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live If so, how		•						
	rsonally used thi ase check ALL t		ecreation since 1975?	□ Yes □ No				
☐ Swimming	imming ☐ Skin diving ☐ SCUBA diving ☐ Tubing ☐ Water skiing							
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting				
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:				
	☐ More than 5 times per year ☐ 1 – 5 times per year ☐ Less than 1 time per year – please describe: ☐ A service of the service							
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	Rafting				
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:				
	How often have you observed it being used for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year – please describe:							
4. Additional C	omments:							
Contact Information Name: Address:	ation (if willing	to provide):						

WBID	#_	1864	Si	te	#	724

Date: 06/28/ 06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3 (A separate Data Sheet B must be completed for each

		51100		must be complete	d	ior each site)	
Latitude (ddd.dddd): N	1.37,92255	···				Arrival Time:	
Longitude (ddd.dddd): Photo Ids: Upstream:	209177672					14	'.u.—
Photo Ids: Upstream:	I	Down	stre	arn:		Other:	9 (80 - 01
911			91	d	Other: 909 (fouse in 97) 908 (cow path)		
Varrative Description	of Location: (De					rby roads, landmarks, etc.)	scrow para
					ear	rby roads, landmarks, etc.	
100 m	downstream	0	$ \mathcal{E} $	851			
currounding Condition	ns*: (Mark all that p	prom	ote o	or impede recreational	us	es. Attach photos of evide	ence or unusual
☐ City/county parks	☐ Playgrounds		MD	C conservation lands		☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks		Nati	onal forests		☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	Fence	<u> </u>	Stee	slopes		☐ Other:	
uman Uses Observed	*•						
Swimming	☐ Skin diving			SCUBA diving		☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	*****	11	Boating		☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	·····		Fishing		None of the above	Other:
						locumentation of evidence	
vidence of Human Us	e*:					908	
☐ Roads	☐ Foot paths/prin	its	Į	Dock/platform		Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites		ו	Fire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle
DOther: Kenne	(909)						
ources of Pollution: (e.	g., trash dumping, ti	res, d	rain	ages, discharges, etc.))		

		/					

iew Physical Di Distance from access point (m) Present?	Wic	dth (1	m)	Lengt		Avg.	,15 .05 Depth (m)	Max Depth (m)
access point (m)		dth (m)			Avg.	Depth (m)	Max Depth (m)
Present?	s 🗹 No	7		2.7	>		ווו	
Present?	s 🗹 No	7		7.7		1	200	····
	s 🗹 No						· · /	.15
	s 🗹 No	1						
. Minus Dhassiant				Velocity (ft/sec):			
i view Physical	Dimensio	ns:				_,02	3 1	750
Distance from access point (m)		_	m)	Lengt	h (m)			Max Depth (m)
130		8		20	,	0	.14	, 3
Present? Yes	s ⊡∕No			Velocity (ft/sec):		· · · · · · · · · · · · · · · · · · ·	
	-11							
		J(0.)	+	% Sand	%	Silt	% Mud/Clas	35 % Bedro
		1	\prod				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 55 70 500.00
tion*: (Note amou	unt of vegets	tion	OT :	algal growth at the	assessme	ent site.)		
				41% alas	le.			
		-	-	- (
eristics*: (Mark :	all that apply	,						
			\sqcap	☐ Chemical	1 01	Vone	☐ Other:	
☐ Sewage	☐ Mus	Ky i						
☐ Sewage ☐ Clear	☐ Mus	1				Milky		
		en		☐ Gray ☐ Fine sedime		Milky None	☐ Other:	
h	Present? Yes	Present? Yes No ese values should add up to 100 bble	Present? Yes You lesse values should add up to 100%.)	ese values should add up to 100%.) bble 45% Gravel tion*: (Note amount of vegetation or a	Present? Present? Preservalues should add up to 100%.) bble 45% Gravel % Sand tion*: (Note amount of vegetation or algal growth at the	access point (m) Width (m) Length (m) Zo Present? Yes YNo Velocity (fl/sec): esse values should add up to 100%.) bble 45% Gravel % Sand % tion*: (Note amount of vegetation or algal growth at the assessment of the same of the sa	access point (m) Width (m) Length (m) Avg. 20	access point (m) Width (m) Length (m) Avg. Depth (m) To Depth (m) Velocity (ft/sec): Seese values should add up to 100%.) bble 45% Gravel % Sand % Silt % Mud/Clay tion*: (Note amount of vegetation or algal growth at the assessment site.) The algae

D# 1009 S	ite #	_		
: <u>612810</u>	6			
	Field Data S	Sheets for Recreat	tional Use Stream Su	rveys
		Data Sheet C -		
	(Make addition		ssary for multiple inter	rviews)
1. Do vou live	in the area?	Ves No		
	w long have you			
2. Have you pe	ersonally used th	us water body for a	recreation since 1975?	□ Vac □ No
If so, ple	ase check ALL	that apply:	corounding since 1979:	
☐ Swimming	☐ Skin diving	□ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	□ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	Fishing	☐ None of the above	☐ Other:
How offe	en do you use it	for recreation?	·	
	☐ More than	n 5 times per year		
		es per year		
	Less than	i i ime per year –	please describe:	
3. Have you ob	served others us	sing this water bod	y for recreation since	1975? □ Yes □ No
☐ Swimming	ase check ALL		☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:
			The state of the above	T D Other.
How ofte	•	erved it being used	for recreation?	
		n 5 times per year		
			olease describe:	
				····
4. Additional C	Comments:			

Contact Inform	ation (if willing	g to provide):		
Name:	_			
Address: Telephone #:				
i cicpiiolic #.				
		J		
		/ }		

WBID.# 1864 Site # 724 Date: 61281 06				
Comments: Please describe any denorting from			c Characterizat	1
Comments: Please describe any departures from conditions, problems in measuring, site relocation).	pro	oto	tol and the reasons	for departure (e.g., unanticipated unique local
	+-			
<i></i>				
	}			
	ı			

WBID #	1864	Site #	851
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Date: 06 12 \$ 1 06



Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3 (A separate Data Sheet B must be completed for each site)

(F	A separate Data	Snee	IB	must be complete	a i	or each site)			
Latitude (ddd.dddd): N	37,42218		П			Arrival Time:			
Longitude (ddd.dddd): V	V091 77665					14:21	n		
Photo Ids: Upstream:		own	strea	ım:	Other:				
907		(P/)		906				
Narrative Description o	f Location: (Des	cribe	acc	cess point to stream, n	ear	by roads, landmarks, etc.)			
754 61	rossing a	٦٠		3160.					
Surrounding Condition items of interest.)	s*: (Mark all that p	oromo	te c	or impede recreational	us	es. Attach photos of evider	nce or unusual		
☐ City/county parks	☐ Playgrounds		MD	C conservation lands	☐ Urban areas		☐ Campgrounds		
☐ Boating accesses	☐ State parks		Vati	onal forests		☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	☐ Fence	D S	Stee	p slopes	☐ Other:				
Human Uses Observed*	٠.								
	[I CCLIDA dining		□ T.1:			
Swimming	☐ Skin diving			SCUBA diving		☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking		1	Boating			Rafting		
Describe: (include numbe	☐ Trapping	reatir		Fishing	n-d	Of recreational uses, etc.)			
(100000)		• • • • • •	6,	, , , , , , , , , , , , , , , , , , ,		ovamentarion of ovidence	or recreational ases, etc.,		
Evidence of Human Use	*•								
□ Roads	☐ Foot paths/prir	ıts		Dock/platform		☐ Livestock Watering	□ RV / ATV Tracks		
☐ Rope swings	☐ Camping Sites			☐ Fire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle		
Other:	· · · · · · · · · · · · · · · · · · ·					<u> </u>			
L					-				
Sources of Pollution: (e.g	g., trash dumping, ti	res, c	rai	nages, discharges, etc.					
L		·····			-				
						Λ.			
		/	·			WV			

		Data S	Sheet B -	Si	te Char	acterizati	on – 2 c	of 3		
ream Morp	hology: View Physica	l Dimo	noiona					i 12	- 11 7	2.95
Opstream	Distance fracess point	om	Widt	h (n	n)	Length	(m)	A	vg. Depth (m)	Max Depth (m)
☐ Riffle										
□ Run										# 72870CL
□ Pool	30		6			21	7	(7.99	1,15
☐ Flow	Present?	⊒∕Yes	□ No			Velocity (ft	sec):	,0	3 01/5	
Downstrea	m View Phys	ical Di	mension	s:				. 90	5,1,3	3/3/92
	Distance fr access point	1	Widt	h (n	n)	Length	(m)	A	vg. Depth (m)	Max Depth (m)
☐ Riffle		(3=-/								
☐ Run	AP (1262006	ğ	2	AP 6-28-2006	20	AP 6-28-10	86		
[Pool	19			a		2-1	2	(2.75	
□ Flow	Present?	∃ Yes	□ No			Velocity (ft	/sec):			
	These values she	S % Gi		/o.)	% Sa	and	%	Silt	% Mud/Clay	% Bedrock
L										<u> </u>
quatic Vege	tation*: (Note	amount	of vegetat	ion	or algal gi	owth at the	assessme	nt site	.)	
T										
			-					····		
			that apply.	,						
	cteristics*: (!	Mark all 1				Chemical	២	Vone	☐ Other:	
	cteristics*: (I		☐ Musk				/	4:11	Other:	
ater Chara		age	☐ Musk ☐ Green	_		Bray		Milky	C Other.	
ater Chara	□ Sew	age r		1		Gray Sine sedimen	-	None	Other:	
	cteristics*: (1	Mark all 1				Chemical				

WBID	#	1864	Site #	85/
Date: _	6	128	12006	

Field Data Sheets for Recreational Use Stream Surveys

1. Do you live i	n the area? □	nal copi Yes □	No		v iews or multiple interv	iews)		
2. Have you per	v long have you rsonally used things check ALL t	is water	body for re	creati	on since 1975?]Yes □ No		
☐ Swimming	☐ Skin diving	□ sct	JBA diving	□ Tv	ibing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	□Воа	ting	□ w	ading	☐ Rafting		
☐ Hunting	☐ Trapping	□Fish	ing	□ Ne	one of the above	☐ Other:		
How often do you use it for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation since 1975? Yes								
	ase check ALL t			1				
Swimming	☐ Skin diving	-1	UBA diving		ubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Bc	 		Vading	☐ Rafting		
	Hunting							
4. Additional Comments:								
Contact Inform Name: Address: Telephone #:	ation (if willing	to pro	vide):					

WBID# 1864 Site # 851 Date: 6 / 28 / 3006 Data Sheet B - Site Characterization - 3 of 3 Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique conditions, problems in measuring, site relocation).			May of the	
Comments: Please describe any departures from protocol and the reasons for departure (a.g., a.g., a.g.	# 1864 Site # 851 , 128 12006			
Comments: Please describe any departures from protocol and the reasons for departure (a.g., and the reasons for departure)	Data She	eet B - Site Chi	racterization – 3 of 3	,
onditions, problems in measuring, site relocation).	nts: Please describe any departures	s from protocol and		
	, problems in measuring, site reloca	ition).	•	
		{ } }		

WBID	#	1864	Site	#	752
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Date: 06/28/06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3 (A separate Data Sheet B must be completed for each site)

	(11 separate Data	SHEE	i B must be complete	ju j	ioi cacii site)			
Latitude (ddd.dddd):	N 3791830			+-	Arrival Time:			
Latitude (ddd.dddd): Longitude (ddd.dddd): Photo Ids: Upstream:	W/091 72/54				The state of the s	14'10		
Photo Ids: Upstream:	I	Downs	tream:	+-	Other:	17.1)		
	/				2 (horse tracks			
· / /			0 3	102 (horse				
Narrative Description	of Location: (De	scribe	access point to stream, r	ear	by roads, landmarks, etc.)			
134 cros	aing on	7	2, 5. 08 Ro	W.	₹			
Surrounding Condition items of interest.)	ons*: (Mark all that p	promo	te or impede recreationa	us	es. Attach photos of evide	nce or unusual		
☐ City/county parks	☐ Playgrounds		MDC conservation lands		☐ Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	□ 1	Vational forests		☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	☐ Fence	⊡s	teep slopes		☐ Other:			
	•							
Human Uses Observed		· · · · · · · · · · · · · · · · · · ·						
Swimming	☐ Skin diving		☐ SCUBA diving	_	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking		☐ Boating		□ Wading	☐ Rafting		
☐ Hunting	☐ Trapping		☐ Fishing		None of the above ocumentation of evidence	☐ Other:		
Evidence of Human U			•					
Roads	Foot paths/prin	nts	☐ Dock/platform	П	☐ Livestock Watering	□ RV / ATV Tracks		
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle		
☐ Other:			recpicting		LI W DES Discharge	Tishing Tackie		
Sources of Pollution: (e	e.g., trash dumping, ti	res, d	rainages, discharges, etc.		•			
			RB .					

WDID#	59 Site # _ 75	>/						4
Date: <u>% 12</u>	8106							
	Data	Sheet B	Site Cha	racterizati	on – 2	of 3		
Stream Morp	hology							35
	nology: View Physical Din	nensions:				.4	,35 ,1	
	Distance from access point (m)		h (m)	Length	(m)	1	g. Depth (m)	Max Depth (m)
☐ Riffle								
🖆 Run	20	\(20		0.	58	. 4
☐ Pool		```						
Flow	Present? Yes	□ No		Velocity (ft	sec): L	n weas i	rabk	
Downstread	m View Physical I	Dimension	s:				7151	3/00
	Distance from access point (m)		h (m)	Length	(m)		g. Depth (m)	Max Depth (m)
□ Riffle								
∭ Run	JV	4		90		O	.))	.15
□ Pool								
⊠ Flow	Present?	□ No		Velocity (ft	/sec): 👝	unce	sc. alla	
	These values should ad	***************************************	6.) 35% S	Sand	%	Silt	% Mud/Clay	% Bedrock
L15_/**	60 /0	374701		, und		Sit	70 IVIUW Ciay	76 Bediock
quatic Veget	tation*: (Note amour	it of vegetati	on or algal į	growth at the	assessme	nt site.)		
				,				
			10% as	lgae				
/ater Charac	cteristics*: (Mark al	that apply						
Odor:	☐ Sewage	☐ Musky		Chemical	<u> </u>	Ione	☐ Other:	
Color:	© Clear	☐ Green	· · · · · · · · · · · · · · · · · · ·	Gray		filky	☐ Other:	
Bottom Depo				Fine sedimen	***************************************		☐ Other:	NV FILE OF THE TAX OF
Surface Depo	·····	□ Scum		Foam			Other:	
<u> </u>		504111			- 1 ·		L Office.	

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.



WBID	# 1864	_Site#	852

Date: 6/28/06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

	(Make addition	nal	copies as necess	ary to	or multiple interv	riews)
1. Do you live i	n the area? v long have you					
	rsonally used the			creati	on since 1975?	□ Yes □ No
☐ Swimming	□ Skin diving		SCUBA diving	□ Tı	ubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		Boating	□w	ading	☐ Rafting
☐ Hunting	☐ Trapping		Fishing	□ N	one of the above	☐ Other:
	\Box 1 – 5 time	5 t s pe	mes per year	lease	describe:	
3. Have you obs	served others us	ing hat	this water body apply:	for re	creation since 1	975? □ Yes □ No
☐ Swimming	☐ Skin diving		SCUBA diving		ubing	☐ Water skiing
☐ Wind surfing	☐ Wind surfing ☐ Kayaking ☐		Boating	□ v	Vading	☐ Rafting
☐ Hunting	□ Trapping		Fishing	ום	one of the above	☐ Other:
[5 t	d it being used f imes per year r year me per year – pl			
4. Additional Co	omments:					
Contact Informa Name: Address: Telephone #:	ation (if willing	to p	rovide):			

	egy e	
WBID # 864 Site # 952 Date: 6 / 28 / 2006		5
Data Sheet B	- Site Characterizati	on – 3 of 3
Comments: Please describe any departures from conditions, problems in measuring, site relocation).	protocol and the reasons t	or departure (e.g., unanticipated unique local

WBID	#_	1864	Site	#	853
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Bate: 06 / 28 /06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3 (A separate Data Sheet B must be completed for each site)

		0.100	7 7	must be complete	10 10	n cach she)	
Latitude (ddd.dddd): N 3	37.900107	···	$\dagger \dagger$			Arrival Time:	
Longitude (ddd.dddd): V091.73084 Photo Ids: Upstream: Downst						1000	
Photo Ids: Upstream:	Ī	Oown	stre	arn:		Other:	and to S. A.
920		0		a		9211	grafiti fense by stree
			1				reuse by stree
arrative Description	of Location: (Des	scribe	ac	cess point to stream, n	earb	y roads, landmarks, etc.)	
	50mg on 5						
urrounding Condition	18*: (Mark all that p	oromo	ote	or impede recreational	uses	s. Attach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds		MD	C conservation lands		☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks		Nat	onal forests		☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	<u> </u>	Stee	p slopes		Other:	
uman Uses Observed	4 .						
Swimming	T		 	l course in the	\vdash		
☐ Wind surfing	Skin diving			SCUBA diving	\vdash	☐ Tubing	☐ Water skiing
	☐ Kayaking		 	Boating		□ Wading	Rafting
Describe: (include numb	Trapping	rantir	1 4	Fishing		None of the above cumentation of evidence	Other:
vidence of Human Us							
□ Roads	Foot paths/prin			De ele/eleste	Н.		
☐ Rope swings	☐ Camping Sites		+	Dock/platform Fire pit/ring		☐ Livestock Watering	□ RV / ATV Tracks
			Н	- Fire pioring	- <u>-</u>	□ NPDES Discharge	☐ Fishing Tackle
DOther: Linewo	V 12.3	····			<u> </u>		
urces of Pollution: (e.	g., trash dumping, ti	res, d	rair	nages, discharges, etc.			

WBID#			353				}		•	4
Date: 6 /6	J81	06								
		Data	Sheet B	Si	ite	Characterizat	on	-2 of 3		
Stroom Moun	- la - la									
Stream Morp Upstream		: hysical Din	nensions:						25, 55, 05	
	Dist	ance from	Widt	h (1	m)	Length	(m		Avg. Depth (m)	Max Depth (m)
☐ Riffle	acces	ss point (m)		 	 					ntaa Deptii (iii)
Run	<u> </u>	15	-7	\vdash	\vdash		 		0.29	
□ Pool		1 3		-	\vdash	$\frac{2c}{\sqrt{c}}$	-		Ula 1	
☐ Flow	Presen	t? ⊡∕Yes	No		-	Velocity (f	/sec	:):		
	1 103011	103	<u> </u>	 	\vdash		m		3 m/s hin reach.	
Downstrea		v Physical I	Dimension	s:		1,13	m	u //	11,65	
	1	ance from s point (m)	Widi	h (1	m)	Length	(m	\mathbf{a}	Avg. Depth (m)	Max Depth (m)
☐ Riffle		Vo								
Run	AD 1-24	WD 25	14			70			0.92	1.1
☐ Pool										
☐ Flow	Presen	t? 🗆 Yes	□ No			Velocity (f	/sec	·):		
Substrate*: ((These va Cobble	alues should ac		<u>%.)</u>	H	% Sand	<u> </u>	% Silt	% Mud/Clay	% Bedrock
10 70	Coobic	0 70	Glaver		H	70 Salid	-	70 SIII	76 IVIUU Ciay	76 Bedrock
Aquatic Vege	tation*	: (Note amou	nt of vegetat	ion	01	algal growth at the	ass	essment sit	e.)	
			<1%	,		ial	ļ			
			~ 1 60	а	1		_	·····		
Water Chara	cteristi	ics*: (Mark a	ll that apply							
Odor:		☐ Sewage	☐ Musk			☐ Chemical	ļ	☑ None	Other:	
Color:		□ Clear	☐ Green	-		☐ Gray		☐ Milky		
Bottom Dep	osit:	□ Sludge	☐ Solid	В		☐ Fine sedime	its	☐ None	☐ Other:	
Surface Dep	oosit:	□ Oil	☐ Scum		П	☐ Foam		☑ None	☐ Other:	
L					$\dagger \dagger$		\vdash		······································	
*This informatio	on is not t f water co	o be used sole onditions. Con	ly for remov isequently, tl	al c	inf	recreational use de ormation is not inte	sigr nde	nation but r d to directl	ather is to provide a r y influence a decision	nore comprehensive on the recreation
						analysis or that affe				
									1	
								(/	- A	
								V	1)	
			,/	1						

WBID#_	1864	Site #_	853	
Date: 6	1281	2606		
		<u>Fi</u>	eld Dat	a Shee
		(Ma	ke add	D itional c
1	D		_	

Field Data Sheets for Recreational Use Stream Surveys

	(Make addition			Sheet C – I		v iews or multiple interv	iews)		
1. Do you live i	n the area? Valong have you								
2. Have you per If so, plea	sonally used the	is wa	ater appl	body for red y:	creati	on since 1975? [□ Yes □ No		
	☐ Skin diving		scu	BA diving	□ T\	ibing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking		Boat	ing	□w	ading	□ Rafting		
☐ Hunting	☐ Trapping		Fishi	ng	□ N	one of the above	☐ Other:		
How often do you use it for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation since 1975? No									
If so, plea	ise check ALL t	hat	appl	y:	101 10	creation since 19	975? 🗆 Yes 🗆 No		
	☐ Skin diving		sc	JBA diving	0 1	ubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking		Boa	ting	□ v	Vading	☐ Rafting		
☐ Hunting	☐ Trapping	<u> </u>	Fish	ing	<u> </u>	one of the above	☐ Other:		
[[How often have you observed it being used for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year - please describe:								
4. Additional Co	omments:								
									
Contact Informa Name: Address: Telephone #:	ation (if willing	to p	rov	ide):		·			

WB1D # 864 Site # 853 Site: 6 28 3006 Site					5
Date: 6 1 2813006					J
Data Sheet B	S	it	e Characterizat	lon - 3 of 3	
Comments: Please describe any departures from	í	1	j .	ł	
conditions, problems in measuring, site relocation).				or departure (e.g., unanticipated unique local	
					<u> </u>
					_
					-
			•		
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	į				
	}	1			



Site# 722 Photo ID# 0916, Upstream



Site# 722 Photo ID# 0915, Trail



Site# 722 Photo ID# 0917, Downstream



Site# 723-A Photo ID# 0912, Upstream



Site# 723-A Photo ID# 0913, Downstream



Site# 724 Photo ID# 0911, Upstream



Site# 723-A Photo ID# 0914, Tracks



Site# 724 Photo ID# 0910, Downstream



Site# 724 Photo ID# 0909, prints



Site# 851 Photo ID# 0907, Upstream



Site# 724 Photo ID# 0908, cow path



Site# 851 Photo ID# 0905, Downstream



Site# 851 Photo ID# 0906, Graffiti



Site# 852 Photo ID# 0903, Downstream



Site# 852 Photo ID# 0904, Upstream

No photo

Site# 852 Photo ID# 0902, Horse tracks



Site# 853 Photo ID# 0920, Upstream



Site# 853 Photo ID# 0921, Graffiti



Site# 853 Photo ID# 0919, Downstream



Site# 853 Photo ID# 0918, Fence